

Bryan Chavarria

Full Stack Developer

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🌐 <https://bryan-chavarria.netlify.app/>

Skills

- **Development Methodologies** | Agile • Scrum
- **DevOps and Tools** | CI/CD • Version Control (Git)
- **Programming Languages** | C# • JavaScript • Python • Bash
- **Front End Development** | React • React Native • HTML • CSS • JavaScript • Bootstrap
- **Back End Development** | .NET Framework • SQL Server • Node.js • GraphQL
- **Database Technologies** | SQL • NoSQL • PostgreSQL • JSON • Firebase
- **Cloud Platforms** | Azure • AWS
- **Data Analysis and Visualization** | SSRS • Power BI
- **ETL** | Talend

Education

- **Universidad Autonoma de Ciudad Juarez** 2014-2021
 - Bachelor of Computer Science
 - GPA: 3.5
- **Centro de Bachillerato Tecnologico Industrial y de Servicios No. 128** 2011-2014

Experience

- **Programmer & System Implementer | LACROIX** May 2022 - Actual
 - Migration to a new Unified Data Architecture and API Implementation
 - Created a cohesive approach for handling data.
 - Creation of DWH, ODS, MES, and used the data on Power BI Dashboards and Web Apps.
 - Developed Company Internal Portal
 - Created a centralized portal using .NET to consolidate various online projects.
 - Streamlined project management by providing a unified platform for different teams.
 - Implemented Price Increase Log
 - Designed and integrated a log system for the Purchasing Team to track and record component price increases.
 - Replaced the cumbersome Excel-based process, enhancing efficiency and accuracy in tracking price changes.

- Introduced Cost Increase Tracker for Accounting Managers

- Developed a Cost Increase Tracker for Accounting Managers to analyze the impact of component price increases on assembly costs.
- Integrated a comprehensive tracking system within the portal, connecting purchasing data with assembly costs.
- Empowered Accounting Managers to assess revenue and Tp changes, facilitating informed decision-making.

- **Programmer Jr | Firstronic**

Mar 2020 - May 2022

- Project Leadership in Cost-Efficient Hardware Transition

- Led a project to optimize production hardware management by transitioning from costly computers to Raspberry Pi devices, and eliminating manual interventions.
- Developed Python and Bash scripts on Raspbian OS to automate real-time monitoring, ensuring accurate and timely updates to visual aids and production graphs without manual interventions.
- Achieved significant cost savings by repurposing existing computers for administrative tasks and avoiding the need for new stations, and enhanced overall operational efficiency, reducing dependency on manual processes and establishing a sustainable hardware infrastructure.

- Implemented Supply-Chain Control Monitor

- Developed a comprehensive report using SSRS (SQL Reporting Services) and SQL for the purchasing team, consolidating demand and supplier data for a holistic view of quantities.
- Built an MRP (Material Requirements Planning) system that forecasts demand for upcoming months, incorporating inventories and data on bonds and pipes from suppliers.
- Designed a report to identify excess, and shortages, empowering the purchasing and planning team to anticipate and address potential supply chain issues.

- **Internship | Firstronic**

Oct 2019 - Mar 2020

- Developing and maintaining applications using .NET C#/VB and other related technologies.
- Collaborating with cross-functional teams, including quality, product managers, and other developers to create high-quality products.
- Participating in code reviews and providing constructive feedback to other developers.